

Table 5.4. Uranium concentrations in ambient air on the ORR

| Isotope | Concentration (10^{-15} μ Ci/mL) | | | |
|------------------|--|-------------------|---------|---------|
| | 1992 | 1993 | 1994 | 1995 |
| | | <i>Station 35</i> | | |
| ²³⁴ U | 3.6E-02 | 4.2E-02 | 3.5E-02 | 1.5E-02 |
| ²³⁵ U | 0.0E+00 | 1.1E-02 | 3.0E-03 | 4.4E-04 |
| ²³⁸ U | 9.4E-03 | 2.2E-02 | 2.4E-02 | 1.8E-02 |
| | | <i>Station 37</i> | | |
| ²³⁴ U | 5.0E-03 | 5.4E-02 | 3.5E-02 | 1.3E-02 |
| ²³⁵ U | 8.6E-03 | 9.0E-03 | 3.0E-03 | 1.4E-03 |
| ²³⁸ U | 2.1E-02 | 1.8E-02 | 1.9E-02 | 1.3E-02 |
| | | <i>Station 38</i> | | |
| ²³⁴ U | 2.3E-02 | 3.7E-02 | 2.9E-02 | 1.1E-02 |
| ²³⁵ U | 0.0E+00 | 7.0E-03 | 4.0E-03 | 2.7E-04 |
| ²³⁸ U | 9.8E-03 | 1.7E-02 | 1.6E-02 | 1.1E-07 |
| | | <i>Station 39</i> | | |
| ²³⁴ U | 3.1E-02 | 4.1E-02 | 2.7E-02 | 1.1E-02 |
| ²³⁵ U | 4.7E-03 | 1.0E-02 | 5.0E-03 | 1.1E-03 |
| ²³⁸ U | 1.9E-02 | 1.6E-02 | 9.0E-03 | 9.1E-03 |
| | | <i>Station 40</i> | | |
| ²³⁴ U | 1.2E-01 | 1.1E-01 | 8.9E-02 | 5.1E-02 |
| ²³⁵ U | 8.7E-03 | 1.0E-03 | 9.0E-03 | 3.4E-03 |
| ²³⁸ U | 1.8E-02 | 2.1E-02 | 1.6E-02 | 1.6E-02 |
| | | <i>Station 42</i> | | |
| ²³⁴ U | 5.0E-02 | 2.5E-02 | 1.9E-02 | 1.1E-02 |
| ²³⁵ U | 0.0E+00 | 3.0E-03 | 2.0E-03 | 1.3E-03 |
| ²³⁸ U | 1.5E-03 | 2.2E-02 | 1.5E-02 | 1.1E-02 |
| | | <i>Station 46</i> | | |
| ²³⁴ U | 2.1E-01 | 1.0E-01 | 4.4E-02 | 2.6E-02 |
| ²³⁵ U | 5.2E-02 | 1.2E-02 | 6.0E-03 | 1.7E-03 |
| ²³⁸ U | 3.2E-02 | 1.8E-02 | 1.5E-02 | 1.1E-02 |
| | | <i>Station 48</i> | | |
| ²³⁴ U | 3.2E-02 | 5.2E-02 | 2.3E-02 | 1.3E-02 |
| ²³⁵ U | 5.9E-03 | 1.0E-02 | 1.0E-03 | 1.0E-03 |
| ²³⁸ U | 1.2E-02 | 2.1E-02 | 1.1E-02 | 9.5E-03 |
| | | <i>Station 51</i> | | |
| ²³⁴ U | 3.4E-02 | 4.3E-02 | 1.0E-02 | 7.2E-03 |
| ²³⁵ U | 2.9E-03 | 9.0E-03 | 2.0E-03 | 2.7E-03 |
| ²³⁸ U | 1.1E-02 | 1.4E-02 | 6.0E-03 | 5.9E-03 |
| | | <i>Station 52</i> | | |
| ²³⁴ U | 2.7E-02 | 3.3E-02 | 1.6E-02 | 1.2E-02 |
| ²³⁵ U | 5.0E-03 | 7.0E-03 | 2.0E-02 | 2.2E-03 |
| ²³⁸ U | 7.4E-03 | 1.6E-02 | 6.0E-03 | 8.9E-03 |